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## MICROMETHOD FOR DETERMINING TETRAETHYL LEAD IN ETHYL (LEAD) GASOLINES

A Digest/

M. O. Khaykin

The author concludes that the gravimetric microdetermination of tetraethyl lead proposed by him is more accurate than the standard molybdate method and equivalent in accuracy to the standard rapid analysis method. Only 5-10 milliliters of the product are necessary to carry out the microanalysis, which can be accomplished entirely in a test tube with a negligible expenditure of reagents.

Gravimetric microanalysis can be completed in 20 minutes; it is therefore much more rapid than the molybdate method and even more time-saving than the standard rapid analysis method.

The method consists of: addition of bromine to the gasoline, separation of the precipitated bromine-lead compounds by centrifuging, conversion into lead nitrate by treatment with nitric acid, and weighing.

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